

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Furukawa A. et al. ATTORNEY DOCKET NO. 09792486-0145  
SERIAL NO. Not yet assigned GROUP ART UNIT: Not yet assigned  
FILING DATE: April 16, 2004 EXAMINER: Not yet assigned  
INVENTION: A MAGNETIC HEAD USING MAGNETO-RESISTIVE EFFECT AND A MANUFACTURING METHOD THEREOF

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner of Patents  
Alexandria, VA 22313-1450  
Sir:

Submitted herewith is an Information Disclosure Statement for consideration in the above-identified application. This Information Disclosure Statement is submitted:

Within 3 months (1) of filing date of a national application; (2) of date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first Office Action on the merits, whichever occurs last. (No fee is required.)

After the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance under §1.311, whichever occurs first.

Payment for the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission; or

The certification specified in 37 C.F.R. §1.97(e) is made below. (No fee is required.)

After the mailing of (1) a final action under 37 C.F.R. §1.113; or (2) a notice of allowance under 37 C.F.R. §1.311 whichever occurs first, but **before** payment of the issue fee. The certification specified in 37 C.F.R. §1.97(e) is made below. The Commissioner hereby is petitioned to consider the Information Disclosure Statement accompanying this submission. Payment for the Petition fee set forth in 37 C.F.R. §1.17(i)(1) accompanies this submission.

The undersigned counsel for applicant(s) hereby certifies each item of information identified in the Information Disclosure Statement was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

The undersigned counsel for applicant(s) hereby certifies that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

The enclosed credit card payment form to charge the fee of \$180.00 is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 19-3140. *A duplicate copy of this sheet is enclosed for this purpose.*

Very respectfully,

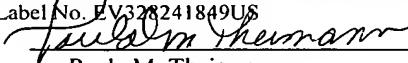
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CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to Mail Stop Patent Applications, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on April 16, 2004 bearing Label No. EV328241849US

  
Paula M. Theismann

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**INFORMATION DISCLOSURE STATEMENT**

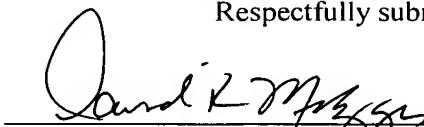
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Alexandria, VA 22313-1450

SIR:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the references identified on the attached PTO-1449 form, copies of which are enclosed herewith in accordance with 37 C.F.R. §1.98, be made during the course of examination of the above-referenced application for United States Letters Patent. These references were published in the February 12, 2002 International Search Report issued in connection with PCT/JP01/09734 and also filed with parent application, U.S. Serial No. 10/218,247. A copy of the search report is attached also.

Respectfully submitted by,

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Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 09792486-014		Serial No. UNKNOWN	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant FURUKAWA, A. ET AL					
		Filing Date April 16, 2004				Group Art Unit: UNKNOWN	

## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,729,410	03/17/1998	Fontana, Jr., R. et al			

## FOREIGN PATENT DOCUMENTS

		Document Number			Class	Subclass	Translation*
							Yes No
		JP 10-162327	06/19/1998				x
		JP 2000-228004 (English abstract only)	08/15/2000				x
		JP 2000-216456 (English abstract only)	08/04/2000				x
		DE 19848776	04/29/1999				x
		KR 1999-037273	05/25/1999				x

## Other Documents (including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

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